

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/07968

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G01N 33/48 US CL : 702/19 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 702/19,20,27; 703/11;435/4 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,523,207 A (KAMENTSKY et al.) 04 June 1996, see especially the abstract and the section entitled SUMMARY OF THE INVENTION in column 3.	1-10
Y	US 5,107,422 A (KAMENTSKY et al.) 21 April 1992, see especially the abstract.	1-10
Y	US 5,072,382 A (KAMENTSKY et al.) 10 December 1991, see especially the abstract.	1-10
Y	WARD et al. Visualization of Intracellular Movement of Vaccinia Virus Virions Containing a Green Fluorescent Protein-B5R Membrane Protein Chimera, Journal of Virology, Volume 75, Number 10, issued May, 2001, pages 4802-4813, see especially the abstract and Figures 1 - 4 and 6 - 8.	1-10
Y	WEHLAND et al. A Rat Monoclonal Antibody Reacting Specifically with the Tyrosylated Form of alpha-Tubulin. II. Effects on Cell Movement, Organization of Microtubules, and Intermediate Filaments, and Arrangement of Golgi Elements, The Journal of Cell Biology, Volume 97, pages 1476-149, issued November, 1983, see especially the abstract and the section entitled "Intracellular Movement and Cell Translocation" on pages 1477-1480.	1-10
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents:		
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	
"P" document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search 06 August 2003 (06.08.2003)	Date of mailing of the international search report 31 OCT 2003	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Authorized officer: Armin Marscher Telephone No. 703-308-0196	

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,180,082 B1 (WOLTERING et al.) 30 January 2001, see especially the abstract and EXAMPLE 6 in columns 19 - 20.	1-10
Y	US 6,303,373 B1 (BOGAN et al.) 16 October 2001, see especially the abstract and Figures 1A - 7.	1-10
Y	US 6,162,606 A (RAAM) 19 December 2000, see especially the abstract.	1-10
Y	US 6,093,701 A (WOLFF et al.) 25 July 2000, see especially the abstract.	1-10
Y	US 6,444,992 B1 (KAUVAR et al.) 03 September 2002, see especially column 3, lines 18 - 50.	1-10

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Continuation of Item 4 of the first sheet:

The present title exceeds 17 words. A new shorter title is set forth as follows:

NEW TITLE: SYSTEM AND METHOD FOR THE MEASUREMENT OF A RESPONSE OF LOCALIZED CELLULAR COMPARTMENTS

Continuation of B. FIELDS SEARCHED Item 3:

CAS, WEST, MEDLINE, BIOTECH ABS., WPI, and EMBASE covering search terms: cellular, movement, component, cells, overlapping, compartments, agent, drug, image, translocation, background, intensities, and tessellating